

## Datasheet for ABIN7113227 **anti-COX2 antibody**



[Go to Product page](#)

### Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µg  |
| Target:      | COX2  |
| Reactivity:  | Human, Mouse, Rat   |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP) |

### Product Details

|               |                                 |
|---------------|---------------------------------|
| Immunogen:    | cytochrome c oxidase II         |
| Isotype:      | IgG                             |
| Purification: | Immunogen affinity purified     |
| Purity:       | ≥95 % as determined by SDS-PAGE |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | COX2   |
| Alternative Name: | MTCO2 ( <a href="#">COX2 Products</a> )  |
| Background:       | Synonyms:COII, mt-Co2 Background:Cytochrome c oxidase is the component of the respiratory chain that catalyzes the reduction of oxygen to water. Subunits 1-3 form the functional core of the enzyme complex. Subunit 2 transfers the electrons from cytochrome c via its binuclear copper A center to the bimetallic center of the catalytic subunit 1. |

### Target Details

|                   |  |
|-------------------|--|
| Molecular Weight: | 25 kDa   |
| Gene ID:          | 17709  |
| UniProt:          | <a href="#">P00405</a>   |
| Pathways:         | <a href="#">Brown Fat Cell Differentiation</a> , <a href="#">Positive Regulation of fat Cell Differentiation</a> |

### Application Details

|                    |   |
|--------------------|---|
| Application Notes: | WB: 1:500-1:2000, IP: 1:500-1:2000, IHC: 1:20-1:200, IF: 1:50-1:500 |
| Restrictions:      | For Research Use only   |

### Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Buffer:            | PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,   |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C   |
| Storage Comment:   | -20°C for 12 months (Avoid repeated freeze / thaw cycles.)   |
| Expiry Date:       | 12 months  |